VOID

ESPCP GENERAL NOTES:

The escape of sediment from the site shall be prevented by the installation of erosion and sedimentation control measures and practices prior to, or concurrent with, land-disturbing activities.

Erosion and sedimentation control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective control, additional erosion and sedimentation control measures shall be implemented to control or treat the sediment source.

PLAN ALTERATIONS

The Erosion, Sedimentation, Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project on the basis of common construction methods and techniques. If the Contractor elects to alter the staged construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance with Special Provision 161 of the contract

The Contractor, the Certified Design Professional and the WECS shall carefully evaluate this plan prior to commencing land-disturbing activities. A major modification or deletion of structural BMP's with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC level-II-certified design professional. Additional BMP's may be added per Special Provision 161 - Control of Soil Erosion and Sedimentation.

TEMPORARY MULCHING

EPD General Permit GAR 100002 states that any disturbed area where construction activities have temporarily or permanently ceased shall be stabilized 14 days of such cessation as soon as practicable with a suitable material listed in Standard Specification (or Special Provision) Sections 163, 700, or 711. However in special cases, the Project Engineer may require the contractor to perform stabilization more often that 14 days.

VEGETATION AND PLANTING SCHEDULE

All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming and mulching for this project can be found in section 700 of the current edition of the Department's Standard Specifications (or Special Provisions) and other applicable contract documents, or landscaping plans.

SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for the project shall be submitted after the project is awarded with the NOI. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

Project Description:

This project consists of constructing a new bridge parallel to the existing bridge on CR 481/College Station Road and realigning the roadway to this new bridge.

Stage 1 & 2: Work in this stage includes clearing and grubbing for Stage 2 construction, placing new permanent pavement and milling & inlaying existing pavement on both sides of the bridge & building westbound portion of bridge.

A) Initial BMPs: Install the following BMPs prior to construction
   a. Install perimeter silt fence as shown on Stage 1 plans
B) Intermediate BMPs:
   a. Install construction exits as shown in Stage 2 plans

C) Final BMPs:
   a. Install rip rap as shown in Stage 2 plans
   b. Install matting blankets as shown in Stage 2 plans
   c. Install ditch treatment as shown in Stage 2 plans

Stage 3: Work in this stage includes placing new permanent pavement for shoulders, obliterating existing pavement and constructing grass shoulders and slopes & building eastbound portion of bridge.

A) Initial BMPs: Install the following BMPs prior to Stage 3 construction
   a. Install silt fence as shown in Stage 3 plans
   b. Install inlet sediment traps as shown in Stage 3 plans
B) Intermediate BMPs:
   a. Install inlet sediment traps as shown in Stage 3 plans
   b. Install construction exits as shown in Stage 3 plans
C) Final BMPs:
   a. Install Rip Rap as shown in Stage 3 plans

Stage 4: Work in this stage includes completing project leveling & overlay, installing curb & gutter, sidewalk and guardrail on right side of eastbound lane and constructing remaining portion of bridge.

A) Initial BMPs:
   a. N/A
B) Intermediate BMPs:
   a. Install silt fence and inlet sediment traps as shown in Stage 4 plans
C) Final BMPs:
   a. N/A

PETROLEUM STORAGE, SPILLS AND LEAKS

These plans expressly delegate the responsibility of on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up, and disposal of any petroleum product, or other hazardous materials, leak or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel or maintain equipment within stream buffers.

If the Contractor elects to store petroleum products on site the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GAR100002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

SOIL SERIES INFORMATION

The following is a summary of the soils that are expected to be found on the project site:

EROSION HAZARD (ROAD, TRAIL.) - SUMMARY OF MAP UNIT CLARKE COUNTY, GEORGIA

MAP UNIT SYMBOL	MAP UNIT NAME	RATING	COMPONENT NAME (PERCENT)	RATING REASONS	PERCENT OF AOI
Bfs	Buncombe loamy sand	Slight	Buncombe (100%)		21.2%
CZB3	Cecil sandy clay loam, 2 to 6 percent slopes, severely eroded	Slight	Cecil (100%)		2.7%
MgE2	Madison sandy loam, 15 to 25 percent slopes, eroded	Moderate	Madison (100%)		14.6%
MlE3	Madison sandy clay loam, 10 to 25 percent slopes, severly eroded	Slight	Madison (100%)		0.2%
PgC3	Pacolet sandy clay loam, 6 to 10 percent slopes, severely eroded	Slight	Pacolet (100%)		24.1%
PgD3	Pacolet sandy clay loam, 10 to 15 percent slopes, severely eroded	Moderate	Pacolet (100%)		34.0%
W	Water	Not rated	Water (100%)		3.1%

Due to the size and scope of this project and the nature of soil series maps, it is not reasonably practical to delineate the precise locations of the above listed soils on the construction plans. The NRCS soil survey and soil series maps for the project site are also available online at: http://websoilsurvey.nrcs.usda.gov/.

POST-CONSTRUCTION BMP'S FOR STORMWATER MANAGEMENT

All permanent post-construction BMP's are shown in the construction plans and in the ESPCP plan. The post-construction BMP's for this project consist of permanent detention ponds, sand filter basins, vegetation, permanent slope drains and/or flumes, riprap at pipe outlets for velocity dissipation and outlet stabilization, vegetated swales/ditches where practical, channel/ditch stabilization with turf reinforcing mats, riprap and concrete ditch lining where necessary. The post-construction BMP's will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.)

SILT FENCE INSTALLATIONS WITH J HOOKS AND SPURS

Silt fence should never be run continuously. The silt fence should turn back into the fill or slope to create small pockets that trap silt and force stormwater to flow through the silt fence. This technique is called using J hooks (or spurs). The J hooks shall be utilized on all silt fences that are located around the perimeter of the project and along the toe of embankments or slopes. The J hooks shall be placed in accordance with GDOT Construction Detail D-24C. The maximum J hook spacing is reached when the top of the J hook is at the same elevation as the bottom of the immediately upgradient J hook. J hooks shall be paid for as silt fence items per linear foot. All cost and other incidental items are included in the cost of installing and maintaining the silt fence.

SITE STABILIZATION AND BMP MAINTENANCE MEASURES

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 710, and other contract documents for stabilization and maintenance measures.

GRESHAM SMITH AND PARTNERS

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

ESPC GENERAL NOTES

CSBRG-0006-00(320)
CLARKE COUNTY

DRAWING No. 51-001

GPLN